

tation, fix themselves at will so as to undergo a final metamorphosis, and they become *Gamasi* or *Uropodi*, from which they differ as much at least as the swimming *Hydrachni* or *Acari* differ from their larvæ; but these fix themselves by their mouth, and increase by sucking the nutritive fluid of the insects of which they are the parasites. Ought therefore the *Hypopi* to be called larvæ, when under this denomination have hitherto been comprised animals capable of nourishing themselves by aliment derived from without, thus accumulating the materials requisite for their ulterior transformations, so that in those insects the metamorphosis of which is complete, the pupa takes no further nutriment, and the perfect insect is sometimes in the same case, as in *Bombyx* for example? Here, on the contrary, we have a *Hypopus* provided with limbs like an active larva, but taking no nutriment: the *Gamasi* alone in their perfect state can feed and grow. —*Comptes Rendus*, Feb. 5, 1850.

METEOROLOGICAL OBSERVATIONS FOR FEB. 1850.

Chiswick.—February 1. Densely clouded: showery. 2. Slight rain. 3. Cloudy: clear. 4. Very fine. 5. Slight rain: very fine: showery. 6. Boisterous. 7. Fine. 8. Hazy. 9. Very boisterous. 10. Clear: very fine. 11. Rain: boisterous. 12. Overcast: boisterous. 13. Clear and dry: frosty at night. 14. Rain: drizzly. 15. Cloudy: rain. 16. Clear. 17. Overcast. 18. Cloudy: very fine. 19. Overcast. 20. Densely overcast: rain. 21. Overcast: clear at night. 22. Cloudy: very fine. 23. Overcast and fine. 24. Overcast. 25. Foggy. 26. Foggy: overcast: clear. 27. Foggy: very fine: clear. 28. Foggy.
 Mean temperature of the month 42°·80
 Mean temperature of Feb. 1849 41·35
 Mean temperature of Feb. for the last twenty-three years. 39·56
 Average amount of rain in Feb. 1·61 inch.

Boston.—Feb. 1. Cloudy. 2—4. Fine. 5. Cloudy: stormy P.M.: distant lightning. 6. Cloudy: stormy A.M. 7. Fine. 8. Cloudy. 9. Fine: rain P.M. 10. Fine. 11. Cloudy: rain A.M. and P.M. 12. Cloudy: rain and snow P.M. 13. Fine: rain P.M. 14. Cloudy: rain A.M. 15. Fine. 16. Fine: rain A.M. 17. Fine. 18. Cloudy. 19. Fine. 20, 21. Cloudy. 22. Fine. 23—28. Cloudy.

Applegarth Manse, Dumfries-shire.—Feb. 1. Heavy rain nearly all day. 2. Rain all day: storm P.M. 3. Rain, with high wind. 4. Dull and cloudy. 5. Dull A.M.: severe storm of wind and rain. 6. Hurricane, with heavy rain. 7. Snow $\frac{2}{10}$ ths of an inch deep: rain P.M. 8. Frost early: rain and wind P.M. 9. Rain and high wind all day. 10. Fine: frost A.M.: showery P.M. 11. Snow: rain: wind. 12. Rather fine: slight shower. 13. Hard frost: clear and fine. 14. Rain thick and close. 15. Rain: stormy P.M.: very wet. 16. Showers: very changeable. 17, 18. Wet A.M.: dull and moist all day. 19. Rain, and fog and wind. 20. Showers, short but severe. 21. Rain: storm of wind. 22. Fair, but unsettled-looking. 23. Fair: cloudy. 24. Fair and fine. 25. Rain during the night: moist. 26. Fine A.M.: showery P.M. 27, 28. Dull, but fair and mild.
 Mean temperature of the month 41°·7
 Mean temperature of Feb. 1849 41·2
 Mean temperature of Feb. for the last twenty-eight years. 37·6
 Average amount of rain in Feb. for the last twenty years. 2·04 inches.

Sandwick Manse, Orkney.—Feb. 1. Cloudy: rain: cloudy. 2. Showers: thunder: cloudy. 3. Showers. 4. Sleet: cloudy. 5. Cloudy: sleet-showers. 6. Showers: clear: aurora. 7. Showers: clear. 8. Cloudy: frost: sleet-showers. 9. Snow-showers. 10. Bright: snow-showers. 11. Cloudy: clear. 12. Bright: snow-showers: aurora. 13. Snow-showers: cloudy: aurora. 14. Rain: drizzle. 15. Cloudy: hazy: aurora. 16. Sleet-showers: hazy. 17. Rain: drizzle. 18. Hazy: drizzle. 19. Rain: hazy: cloudy. 20, 21. Sleet-showers: showers. 22. Cloudy: showers. 23. Cloudy: hazy. 24. Drizzle: fine. 25. Cloudy: fine. 26. Clear: fine. 27. Drizzle: cloudy. 28. Cloudy: fine.